

Converting Colors

Hex(566666)

Have a look what the booklet for
Hex(566666) contains.

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Color

Hex(566666)

Conversions

Conversions Part 1

Format	Color
Hex	566666
RGB	86, 102, 102
RGB Percent	34%, 40%, 40%
CMY	0.6627, 0.6000, 0.6000
CMYK	0.16, 0.00, 0.00, 0.60
HSL	180°, 9%, 37%
HSV	180°, 16%, 40%
XYZ	10.9874, 12.4405, 14.3925
YIQ	97.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

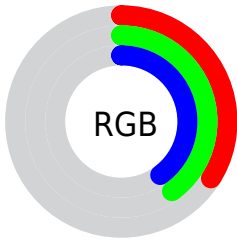
Format	Color
R_{YB}	86, 94, 102
Decimal	5662310
CIE Lab	41.91, -6.03, -2.04
CIE LCh	42, 6.369, 198.672
Yxy	12.4405, 0.2905, 0.3289
Android (android.graphics.Color)	4283852390 (0xFF566666)
YUV	97.2160, 2.3585, -9.8364
Hunter-Lab	35.2711, -6.1193, 0.4962

Details

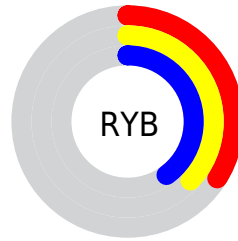
The Hex color **566666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665656**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **889999**, and **283737** is the 20% darker color. If you saturate the color by 10%, you get **4C6666**, and if you desaturate by 10%, it is **606666**.

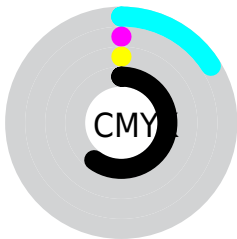
Distribution



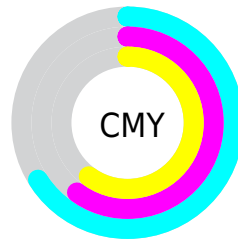
- Red (34%)
- Green (40%)
- Blue (40%)



- Red (34%)
- Yellow (37%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566666 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 566666 by changing the saturation by 10% instead.

■ 566666

■ 566666

FFFFFF

■ 3F4E4E

■ 889999

■ 283737

■ A2B4B4

■ 142222

■ BDCFCF

■ 000C0C

■ D9EBEB

■ 000000

■ F6FFFF

■ 566666

■ 566666

■ 4C6666

■ 606666

■ 426666

■ 6A6666

376666

756666

2D6666

7F6666

236666

896666

196666

936666

0F6666

9D6666

046666

A86666

006666

B26666

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



596661



566666



57656B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



566666



68616A



696259

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



566666



665656

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6D605B



566666



6C6065

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



566666



62626D



6E5F60



646459

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



566666



5A646C



6E5F60



6B6159

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



566666



7E8585



566656



3E4242



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



566666



6B8585



565E66



2E3333



007373



00F2F2

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



665666



856B85



665E56



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 566666 looks on a white background.

Color Contrast Check

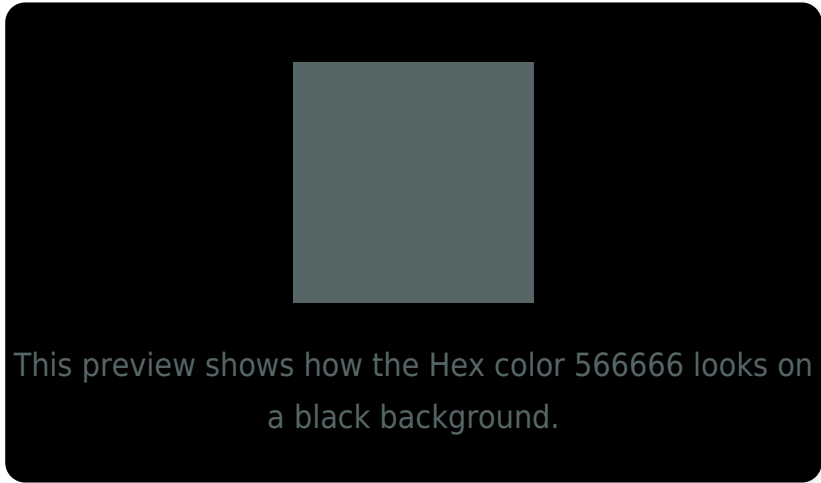
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

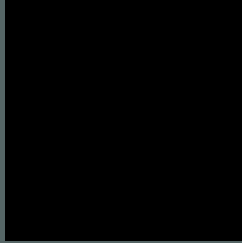
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

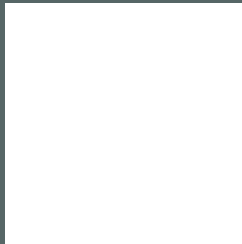
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 566666 Background



This preview shows how black text looks on a background with the Hex color 566666.



This preview shows how white text looks on a background with the Hex color 566666.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

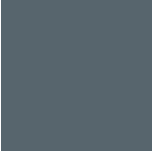
566666

Protanopia

646264

Deuteranopia

6A6067



Tritanopia
57656D

Trichromacy



Original Color

566666

Protanomaly

5F6365

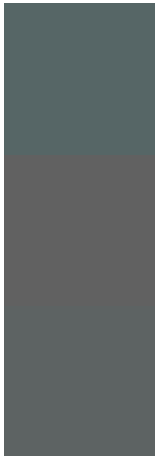
Deuteranomaly

636267

Tritanomaly

57656A

Monochromacy



Original Color

566666

Achromatopsia

616161

Achromatomaly

5D6363

CSS Examples

Text

The CSS property to change the color of the text to Hex 566666 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #566666 looks like.

```
.text, #text, p{  
    color:#566666  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #566666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566666
}
```

Border

The CSS property to change the border of an element to Hex 566666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#566666 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#566666 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #566666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566666; -webkit-box-shadow:4px 4px  
4px 4px #566666; box-shadow:4px 4px 4px  
4px #566666 }
```

Background

The CSS property to change the background color of an element to Hex 566666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566666 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#566666 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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